SVE Associates

Engineering Surveying Landscape Architecture Planning

Type of Submittal	Petroleum Reimbursement Fund Phase
___ Workscope/Budget _✓_ Technical Report ___ Reimbursement Request ___ Monitoring Result	___ Initial Response Action ___ Free Product _✓_ Site Investigation ___ Corrective Action Plan ___ Remedial Design Plan ___ Remedial Implementation/Operations/Monitoring

Site Investigation Report

B+B Auto, Rt. 11, Andover, VT
(VT DEC Site # 96-1971)

Latitude 43 degrees, 14', 32"
Longitude 72 degrees, 43' 26"
USGS Saxtons River Quad

Prepared For:
B+B Auto
Rt. 11, Box 271V
Andover, VT 05143
Contact: Butch Jelly
(802) 824-4556

Prepared By:
SVE Associates
28 Mechanic St.
Keene, NH 03431
Contact : Steven L. Brackett
(603) 355-1532

May 15, 1999

Recommended Risk Category		
___ 1. Immediate Human Health Risk (Impacted Water Well, etc.) ___ 2. Potential Human Health Risk (Residential well within 1000' or site within wellhead area) ___ 3. Free Product or Source Hazard	___ 4. Surface Water Impact (Actual Impact to Class B or potential Impact to Class B) ___ 5. No Alternate Water Available/No Existing Wells in Area ___ 6. Alternate Water Available/High Level Groundwater Contamination (>1000 x VGES)	_✓_ 7. Alternate Water Available/Low level Groundwater Contamination (<1000 x VGES) ___ 8. No VGES Violation/No Source Remaining

28 Mechanic St., Keene, NH 03431 Phone: (603) 355-1532 Fax (603) 355-2969
P.O. Box 1818, Brattleboro, VT 05302-1818 Phone: (802) 257-0561 Fax (802) 257-0721

EXECUTIVE SUMMARY

In March 1996 two 4000 gallon gasoline and one 1000 gallon diesel underground storage tanks were removed from this service station site. A Site Assessment Report, prepared by Strategic Analytical Systems, Inc., indicated petroleum contamination of the soil and the groundwater in the area from which the UST's had been removed. Based on this report Mike Young of the VT DEC, Sites Management Section, in a letter dated April 24, 1996 requested that a Site Investigation be conducted to determine the degree and extent of contamination, to assess the associated risk to potential receptors, and to determine whether there is a need for long term treatment or monitoring of soil and/or groundwater at the site.

SVE Associates has conducted a Site Investigation of the B+B Auto site, the results of which are contained in this report. Based on this work SVE has reached the following Conclusions:

- The release of petroleum from one, or more, of the former UST's has contaminated the soil in the area in which the UST's were formerly located, and has contaminated groundwater in a near surface overburden aquifer.

- The onsite drinking water supply is a 300' bedrock well located upgradient from the former source and from the plume of contaminated groundwater.

- No evidence was found to indicate that the soil and groundwater contamination identified is a threat to any other receptors.

In light of these Conclusions, SAE has the following Recommendations:

- Quarterly groundwater monitoring should begin in October 1999 and should consist of the following:

    - Measurement on groundwater depths in each on the five monitoring wells which have been installed at the site.

    - Collection of groundwater samples from each of the five monitoring wells (MW-1, MW-2, MW-3, MW-4 and MW-5).

    - Analysis of each of the groundwater samples for BTEX, MTBE and naphthalene according to EPA Method 8021B.

    - Preparation of a summary report which describes the results of the monitoring. This report will include the groundwater analysis for the round as compared to historical trends, a groundwater contour map, and recommendations for future monitoring.

SITE HISTORY

Ownership

Clarence and Bev Jelly	Book 23, p. 4	Sept. 19, 1983 to present
Bernice Johnson	Book 8, p. 205	Aug. 8, 1941 to Sep. 19, 1983

SITE ABUTTERS OWNERSHIP INFORMATION

Tax Map #	Owner	Address
1-53	William and Jonathon Buckens	50 Castle Meadow Rd. Newtown, CT 06611
1-59	Gordon Gates	163 Gates Lane Andover, VT 05143
1-61	Stan and Irene Gabrielson	3887 Beacon Rd. Seaford, NY 11783
1-63.1	Charles and Cornelia Brewer	P.O. Box 338 Chester, VT 05143-0338
1-68,69,70.1,70.2,70.3	Clarence and Bev Jelly	3009 Simmonsville Rd. Andover, VT 05143-9082
1-71.1, 1-71.2	Katherine Harrigan	P.O. Box 483 Chester, VT 05143
1-72	William and James O'Connor	137 Overlook Dr. Neptune, NJ 07753-5544
1-73	Randall and Terry Holden	3064 Simmonsville Rd. Andover, VT 05143
1-75	Virginia Oehlschlager	14827 Palmerston Sq. Centreville, VA 20120-1806
1-77	Wincrest Corp.	Berge Heede P.O. Box 448 Londonderry, VT 05148

Hazardous Materials Use, Storage and Disposal Practices

The site has been used as a retail gasoline station, automotive service station and/or a convenience store since 1966.

Known Hazardous Materials Releases

There is no formal record of prior hazardous materials releases at the site.

MAPS

A tax map which shows the location of the source and the locations of any potential receptors is contained in the Appendix.

USGS Map - see Appendix

Site Plan - see Appendix

MONITORING WELLS

Monitoring Well Installation Procedure

Soil Boring Installation - Soil borings were installed by T+K Drilling using an Acker soil boring rig and 4.5" hollow stem augers.

Monitoring Well Construction - Monitoring wells were constructed by installing 2" Sch. 40 PVC machine slotted screen and solid riser, in appropriate lengths into 4.5" soil borings. The annulus was filled with sorted filter sand to a depth of between .5' and 1' above the top of the screen. A bentonite seal of 1' thick was placed on top of the filter sand, and then the balance of the annulus was filled with native soils. A locking cap was installed in the top of the 2" PVC riser and an 8" aluminum road box was installed flush with the ground surface.

SAMPLING PROCEDURES

Soil Sampling - Soil samples were collected at intervals of no greater than five feet. Samples were collected at changes in lithology, at the water table and from any portion of the core which seemed to be stained. Samples were collected using a 2' diameter, 24' long split spoon sampler.

Field Screening- Field screening of soil samples for VOC's was conducted using a Gastech OVM Model 1314 calibrated to 400 ppm hexane. The OVM was calibrated on the day of use, both before and after field screening was conducted. Soil samples were placed in wide mouth glass jars, the mouths of which were then covered with aluminum foil. The sample jars were warmed to a consistent temperature as close to 70 degrees F as possible. The concentration of VOC's in the jar's headspace was then determined by inserting the probe of the Gastech© OVM through the aluminum foil membrane.

FIELD SCREENING RESULTS

Sample #	Sample Description	Field Screening Result (ppm)
1-1	5'–7', peat, 1,2,2,3	0
1-2	10'– 2', coarse grey sand, 13, 22, 27, 29	0
2-1	5'–7 ', grey fine grained sand, 1,1,1,4	0
2-2	10'–12', coarse gravel, 27, 31, 28, 37	45
3-1	5'–7' light brown medium gravel, 5, 7, 10, 15	12
3-2	10'-12' light brown medium gravel, 22, 24, 27, 31	0
4-1	5'-7' silty fine sand 0,1,1,3	35
4-2	10'-12' light brown medium gravel, 20, 25, 31, 33	0
5-1	5'-7' 1,2,2,3 silty fine sand 1,1,2,4	0
5-2	10'-12' light brown medium gravel, 25, 24, 23, 27	0

GEOLOGY

Soil Type - Soils observed during the installation of the three monitoring wells, as well as during the excavation of the seven former UST's, were gravel from the surface to the total depth of each of the five wells.

Bedrock Type – Bedrock was not encountered in any of the monitoring wells installed at the site but was found at 37' below grade in the onsite drinking water well. According to the Vermont Centennial Bedrock Map the area of the B+B Auto site is underlain by phyllite of the Missisiquoi formation.

GROUNDWATER SAMPLING

- Groundwater Sampling - All monitoring wells were developed, and water samples collected using 2" diameter single check valve disposal bailers.

Groundwater Gauging - Groundwater elevation was measured from the ground surface using a Roctest© Water Elevation Meter. The meter has a probe attached to the end of a measured cable. The probe was lowered into the well and at the point that the probe reached groundwater an electric circuit was closed and a high frequency tone was emitted from the meter at the surface. The cable was marked in .01' increments.

Groundwater depth readings were taken on May 18, 1999 and are presented in the Table below. The groundwater contour map presented in the appendices of this report is based on these readings.

	MW-1	MW-2	MW-3	MW-4	MW-5
Well Elevation	100.88	100.00	100.31	100.16	99.81
GW Elevation below Top of Casing ("TOC")	4.13	4.13	4.82	4.6	4.43
GW elevation below datum	96.75	95.87	95.49	95.56	95.38

INTERPRETATION OF LABORATORY RESULTS

The groundwater analytical results for the 4/7/99 round of groundwater monitoring are contained in the table below.

	benzene	toluene	ethylbenzene	xylene	MTBE	naphthalene	Alkyl - benzenes	Acetone
MW-1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 10
MW-2	< 1	29	12	250	10	**48**	596	80
MW-3	**110**	**1100**	370	4300	**100**	**160**	1880	< 100
MW-4	2	1	5	28	**80**	9	122	30
MW-5	2	< 1	24	32	< 10	31	93	< 10

MW-1 is located up-gradient from the former location of the UST' s which were removed in March 1996, as well as from the gasoline dispensers. MW-2 is located in the tank grave; MW-3 is located adjacent to the gasoline dispensers, MW-4 are located immediately down-gradient to the tank grave, and MW-5 is located approximately 75'downgradient from the tank grave.

The compounds that are present in the groundwater of the site, and their relative proportions, are consistent with gasoline contamination.

PLUME DEFINITION

Extent of Plume - The groundwater contamination found in MW-2, MW-3, MW-4 and MW-5 indicates that the plume extends to at least 60' to the southeast from the former location of the gasoline UST's and the gasoline dispenser islands. MW-2 indicates that the plume is probably not more than 40'- 50' wide at its widest point.

Migration Pathways - Virtually the only migration pathway available at this site are the varves within the dense, massive clay overburden. As sample # 1-5 and 1-6 show these varves at times can consist of fairly porous and permeable silts and even fine sands.

Potential for Natural Attenuation – In the opinion of SVE this site has characteristics which will positively influence the rate of natural attenuation and some whose influence will be negative.

Since the time that the 5 UST's were removed the site owner has installed a leachfield for the site's septic system in the former tank grave location. The water quality of the samples from MW-2, MW-4 and MW-5 had clearly been degraded due to their proximity to this leachfield. In the opinion of SVE this additional biological loading to the site's groundwater has probably significantly reduced the groundwater's capacity for biological attenuation. Due to the observed impact of the leachfield discussed above no dissolved oxygen readings were taken on groundwater samples collected from this site.

On the other hand the site's gravelly soils discourage adsorption and appear to have a fairly high hydraulic conductivity. The high hydraulic conductivity in combination with the moderately steep hydraulic gradient results in a moderately fast groundwater velocity in the area. Physical characteristics such as low soil adsorption and high groundwater velocity increase the rate of natural attenuation.

FREE PRODUCT

No free product was encountered during the installation or sampling of monitoring wells at this site.

HYDROGEOLOGY

Depth to GW	GW Flow Direction	Hydraulic Gradient	Estimated K
4'	east	2%	10^{-3} feet/sec

Utility corridors are not likely to influence contaminant migration at this site. The water and sewer lines serving the site building do no run through the contaminant plume. There

is buried electrical conduit (associated with the current UST's) which runs through the area of the plume but these terminate within the plume and so do not provide a migration pathway extending beyond the plume limits.

CONTAMINANT FATE AND TRANSPORT

Rate of Migration

A seepage rate of 4.93 ft/day has been calculated as follows:

hydraulic conductivity = 1×10^{-3} ft/sec
porosity = 35%
hydraulic gradient = 2%

RECEPTORS

	Yes	No	Notes
Wellhead Protection Areas		X	
Drinking water wells	X		
surface waters	X		
buildings with basements		X	
wetlands		X	
ecologically sensitive areas		X	
areas of direct soil contact		X	
utility corridors		X	

Drinking Water Wells – The site is served by a drilled bedrock drinking water source. While a WHPA has not been defined for the onsite drinking water source, if VT ANR methodology for defining a "well shield", or isolation zone, for a Public non-community well were applied in this case, then the area of contamination would not lie within the "well shield".

Surface Waters = The Middle Branch of the Williams River runs parallel to the opposite side of Rt. 11 from the site. It is approximately 250' from the tank grave. A visual inspection of the river's bank was conducted on April 14, 1999. There was no visual evidence of seeps into the river adjacent to the site.

CONCLUSIONS

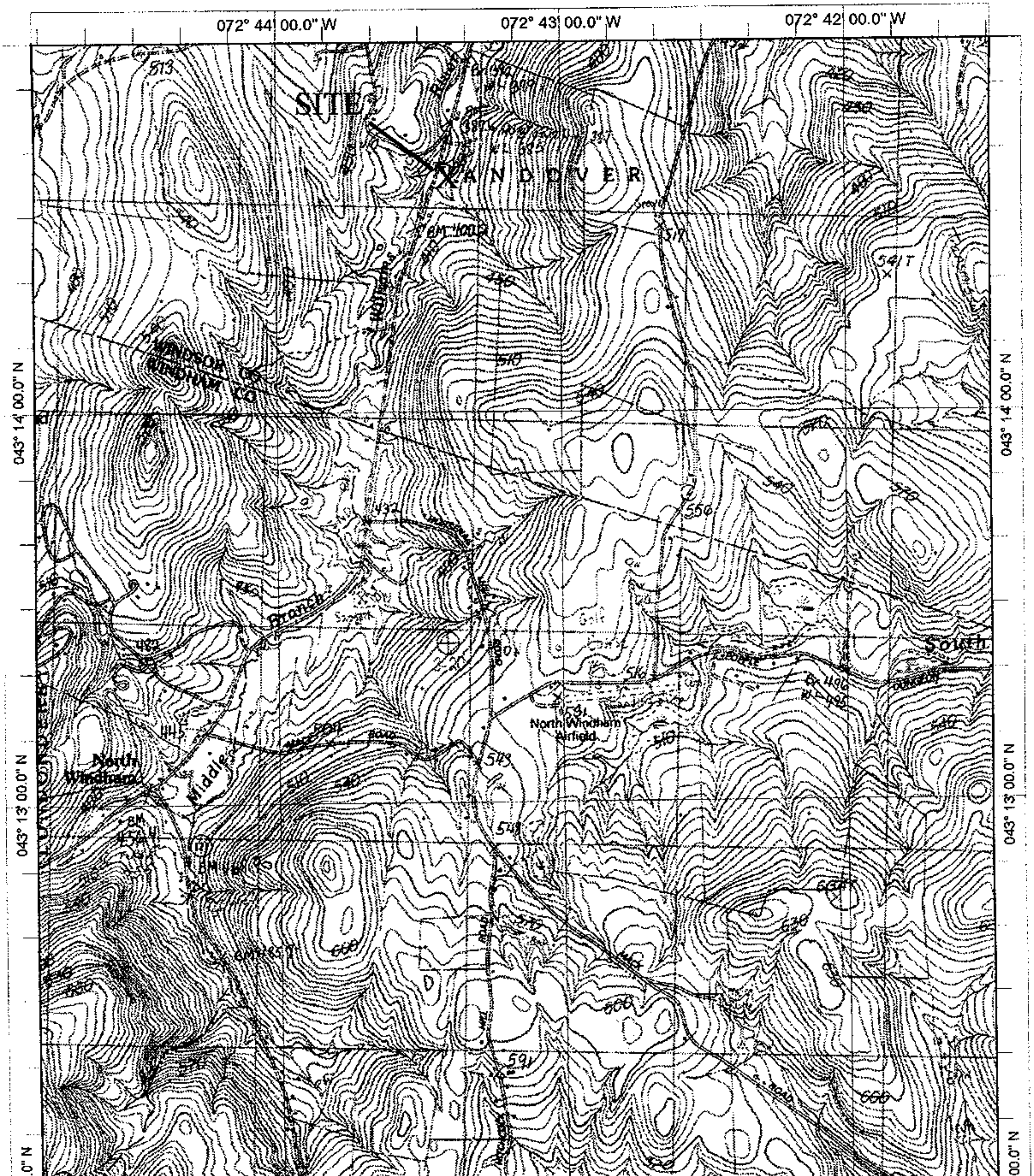
- The release of petroleum from one, or more, of the former UST's has contaminated the soil in the area in which the UST's were formerly located, and has contaminated groundwater in a near surface overburden aquifer.

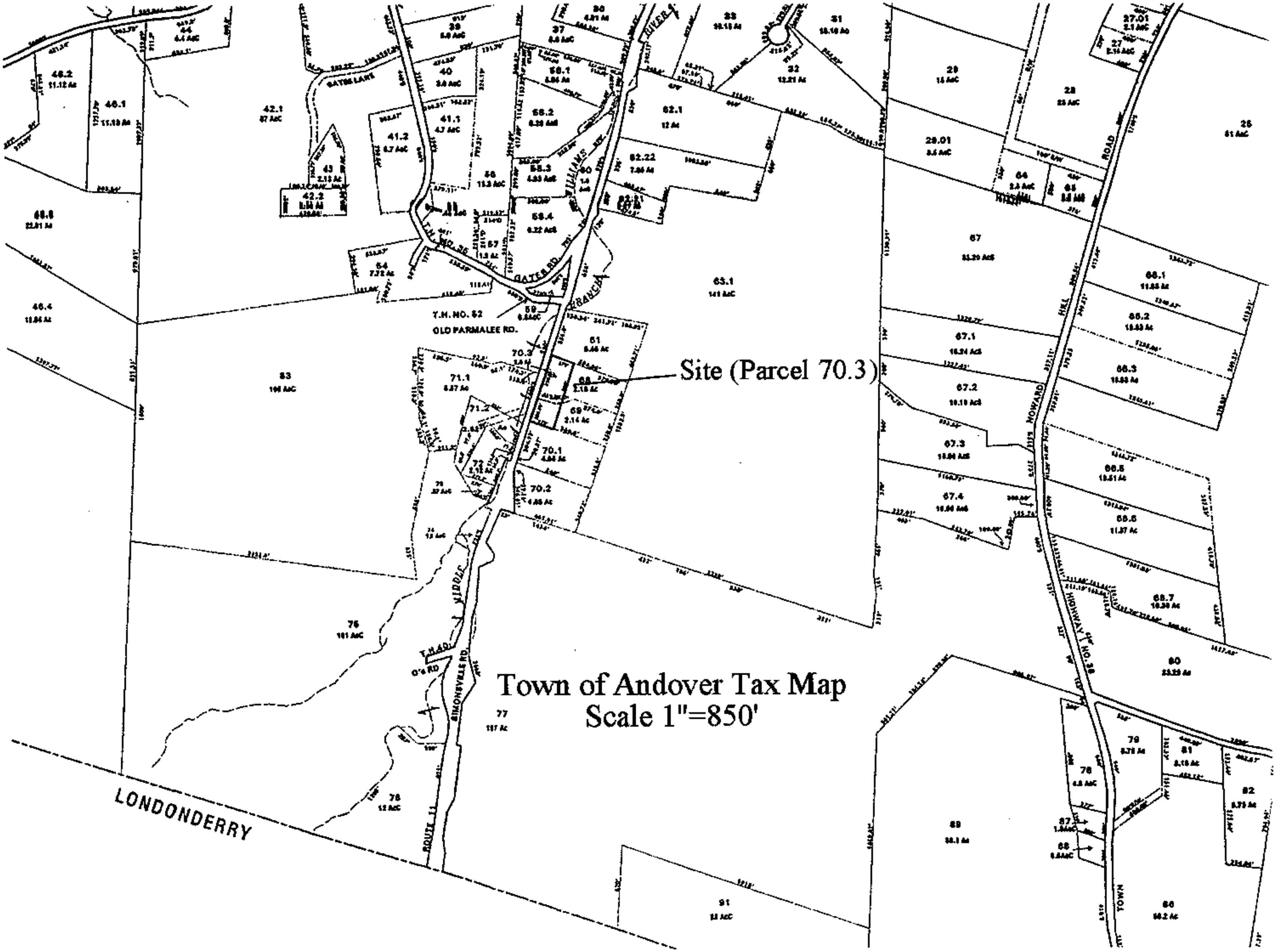
- The onsite drinking water supply is a 300' bedrock well located upgradient from the former source and from the plume of contaminated groundwater. VOC's were not

present in detectable quantities in a water sample collected from the site's bathroom tap on May 5, 1999.

RECOMMENDATIONS

- Quarterly groundwater monitoring should begin in October 1999 and should consist of the following:
    - Measurement on groundwater depths in each on the five monitoring wells which have been installed at the site.
    - Collection of groundwater samples from each of the five monitoring wells (MW-1, MW-2, MW-3, MW-4 and MW-5).
    - Analysis of each of the groundwater samples for BTEX, MTBE and naphthalene according to EPA Method 8021B.
    - Preparation of a summary report which describes the results of the monitoring. This report will include the groundwater analysis for the round as compared to historical trends, a groundwater contour map, and recommendations for future monitoring.


072° 44' 00.0" W
072° 43' 00.0" W
072° 42' 00.0" W
SITE
ANDOVER
WINDSOR CO
WINDHAM CO
043° 14' 00.0" N
Branch
South
North Windham Airfield
North Windham
Middle
043° 13' 00.0" N
043° 12' 00.0" N
Four Corners
Saxtons


Town of Andover Tax Map
Scale 1"=850'
Site (Parcel 70.3)
LONDONDERRY
GATES LANE
GATES RD.
T.H. NO. 52
OLD PARMALEE RD.
SIMONSVILLE RD.
ROUTE 11
HOWARD HILL ROAD
TOWN HIGHWAY NO. 38
TOWN

eastern analytical

Steve Brackett
SVE Associates-NH
28 Mechanic Street
Keene , NH 03431

Subject: Laboratory Report

Eastern Analytical, Inc. ID:	16416 SVEAN
Client Identification:	B+B Auto
Date Received:	4/16/99

Dear Mr. Brackett :

Enclosed please find the laboratory report for the above identified project. All analyses were subjected to rigorous quality control measures to assure data accuracy. Unless otherwise stated, all holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol.

The following standard abbreviations and conventions apply throughout all Eastern Analytical, Inc. reports:

< = "less than" followed by the detection limit
TNR = Testing Not Requested
ND = None Detected, no established detection limit
RL = Reporting Limits

If you have any questions regarding the results contained within, please feel free to directly contact me, the department supervisor, or the analytical chemist who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Susan C. Uhler, Lab Director

5/6/99
Date

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 16416

Client: **SVE Associates-NH** Client Designation: **B+B Auto**

Sample ID:	B+B 1.1	B+B 1.2	B+B 1.3	B+B 1.4	B+B 1.5
Analytical Type:	Sample	Sample	Sample	Sample	Sample
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/14/99	4/14/99	4/14/99	4/14/99	4/14/99
Date Received:	4/16/99	4/16/99	4/16/99	4/16/99	4/16/99
Units:	µg/l	µg/l	µg/l	µg/l	µg/l
Date of Analysis:	4/26/99	4/26/99	4/27/99	4/27/99	4/26/99
Analyst:	JDS	JDS	JDS	JDS	JDS
Method:	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	10	1	1
Dichlorodifluoromethane	< 5	< 5	< 50	< 5	< 5
Chloromethane	< 2	< 2	< 20	< 2	< 2
Vinyl chloride	< 2	< 2	< 20	< 2	< 2
Bromomethane	< 2	< 2	< 20	< 2	< 2
Chloroethane	< 5	< 5	< 50	< 5	< 5
Trichlorofluoromethane	< 5	< 5	< 50	< 5	< 5
Diethyl ether	< 5	< 5	< 50	< 5	< 5
Acetone	< 10	80	< 100	30	< 10
1,1-Dichloroethene	< 1	< 1	< 10	< 1	< 1
Methylene chloride	< 5	< 5	< 50	< 5	< 5
Carbon disulfide	< 5	< 5	< 20	< 5	< 5
Methyl-t-butyl ether(MTBE)	< 10	10	100	80	< 10
trans-1,2-Dichloroethene	< 2	< 2	< 10	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 10	< 2	< 2
2,2-Dichloropropane	< 2	< 2	< 10	< 2	< 2
cis-1,2-Dichloroethene	< 2	< 2	< 10	< 2	< 2
2-Butanone(MEK)	< 10	< 10	< 100	< 10	< 10
Bromochloromethane	< 2	< 2	< 10	< 2	< 2
Tetrahydrofuran(THF)	< 10	< 10	< 100	< 10	< 10
Chloroform	< 2	< 2	< 10	< 2	< 2
1,1,1-Trichloroethane	< 2	< 2	< 10	< 2	< 2
Carbon tetrachloride	< 2	< 2	< 10	< 2	< 2
1,1-Dichloropropene	< 2	< 2	< 10	< 2	< 2
Benzene	< 1	< 1	110	2	2
1,2-Dichloroethane	< 2	< 2	< 10	< 2	< 2
Trichloroethene	< 2	< 2	< 10	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 10	< 2	< 2
Dibromomethane	< 2	< 2	< 10	< 2	< 2
Bromodichloromethane	< 2	< 2	< 10	< 2	< 2
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 100	< 10	< 10
cis-1,3-Dichloropropene	< 2	< 2	< 10	< 2	< 2
Toluene	< 1	29	1100	1	< 1
trans-1,3-Dichloropropene	< 2	< 2	< 10	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 10	< 2	< 2
2-Hexanone	< 10	< 10	< 100	< 10	< 10
Tetrachloroethene	< 2	< 2	< 10	< 2	< 2
,3-Dichloropropane	< 2	< 2	< 10	< 2	< 2

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 16416

Client: **SVE Associates-NH** Client Designation: **B+B Auto**

Sample ID:	B+B 1.1	B+B 1.2	B+B 1.3	B+B 1.4	B+B 1.5
Analytical Type:	Sample	Sample	Sample	Sample	Sample
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/14/99	4/14/99	4/14/99	4/14/99	4/14/99
Date Received:	4/16/99	4/16/99	4/16/99	4/16/99	4/16/99
Units:	µg/l	µg/l	µg/l	µg/l	µg/l
Date of Analysis:	4/26/99	4/26/99	4/27/99	4/27/99	4/26/99
Analyst:	JDS	JDS	JDS	JDS	JDS
Method:	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	10	1	1
Dibromochloromethane	< 2	< 2	< 10	< 2	< 2
1,2-Dibromoethane	< 2	< 2	< 20	< 2	< 2
Chlorobenzene	< 2	< 2	< 10	< 2	< 2
1,1,1,2-Tetrachloroethane	< 2	< 2	< 10	< 2	< 2
Ethylbenzene	< 1	12	370	5	24
mp-Xylene	< 1	150	3000	18	24
o-Xylene	< 1	100	1300	10	8
Styrene	< 1	< 1	< 10	< 1	< 1
Bromoform	< 2	< 2	< 20	< 2	< 2
iso-Propylbenzene	< 1	10	50	5	7
Bromobenzene	< 2	< 2	< 10	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 10	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2	< 10	< 2	< 2
n-Propylbenzene	< 1	16	80	8	11
2-Chlorotoluene	< 2	< 2	< 10	< 2	< 2
4-Chlorotoluene	< 2	< 2	< 10	< 2	< 2
1,3,5-Trimethylbenzene	< 1	190	410	14	7
tert-Butylbenzene	< 1	< 1	< 10	< 1	< 1
1,2,4-Trimethylbenzene	< 1	360	1300	91	63
sec-Butylbenzene	< 1	10	20	2	4
1,3-Dichlorobenzene	< 1	< 1	< 10	< 1	< 1
p-isopropyltoluene	< 1	10	20	2	1
1,4-Dichlorobenzene	< 1	< 1	< 10	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 10	< 1	< 1
n-Butylbenzene	< 1	< 1	< 10	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 20	< 2	< 2
1,2,4-Trichlorobenzene	< 1	< 1	< 10	< 1	< 1
Hexachlorobutadiene	< 1	< 1	< 10	< 1	< 1
Naphthalene	< 1	48	160	9	31
1,2,3-Trichlorobenzene	< 1	< 1	< 10	< 1	< 1

eastern analytical, inc. 25 Chenell Drive / Concord, NH 03301 / TEL (603) 228-0525 / 1-800-287-0525
FAX (603) 228-4591 / E-Mail : front_office@eallabs.com

For lab 16416

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REQUESTED ANALYSES

ITEM # for lab use only	SAMPLE I.D.	SAMPLING DATE / TIME	MATRIX (A - Air, S - Soil, GW - Ground W., SW - Surface W., DW - Drinking W., WW - Waste W., ☐ Other)	G-Grab, C-Comp	☒ 8260B ☐ 524.2 ☐ 8260B plus 10 TICS	☐ 8260B-TCL (8240 list) ☐ 624	☐ 8021B	☐ 8021B-Halos (8010 list) ☐ 601	☐ 8021B-BTEX (8020 list) ☐ 602	☐ MA VPH ☐ ME GRO ☐ 8015B GRO	☐ MA EPH ☐ ME DRO ☐ 8015B DRO	TPH 8100 M ☐ LI ☐ LII ☐ LIII	☐ 8270 ☐ 625 ☐ ABN ☐ A ☐ BN ☐ PAH	☐ 608/8082 ☐ 608 ☐ PCBs ☐ Pesticides	Dissolved Metals (list below)	Total Metals (list below)	TCLP Metals (list below)	☐ TSS ☐ TDS ☐ TS	☐ F ☐ Cl ☐ SO4 ☐ NO2 ☐ NO3	☐ pH ☐ Spec. Con. ☐ BOD	☐ T. Alk ☐ Carb. Alk ☐ Bi. Alk	☐ TKN ☐ NH3 ☐ T. Phos.	☐ COD ☐ TOC ☐ Phenols	☐ Oil & Grease ☐ TPH (list method below)	☐ CN ☐ Formaldehyde	☐ T. Coli ☐ E. Coli ☐ F. Coli ☐ F Strep					# Of Containers	NOTES
1	B+B 1.1	4/14/99	GW	G	✓																										2	
2	1.2	"	"	"	✓																										2	
3	1.3	"	"	"	✓																										2	
4	1.4	"	"	"	✓																										2	
5	1.5	"	"	"	✓																										2	

PRESERVATIVE : H-HCl ; N-HNO3 ; S-H2SO4 ; Na-NaOH

PROJECT MANAGER : Steve Brackett
COMPANY : SVE Associates
ADDRESS : 28 Mechanic St
CITY : Keene STATE NH ZIP 03431
PHONE : (603) 3551532 EXT :
FAX : 355 2969
E-MAIL :
PROJECT NAME : B+B Auto
PROJECT # :
STATE : ☑ NH ☐ MA ☐ ME ☐ VT OTHER
☐ Site historically contaminated

NOTES : (i.e. Special Detection Limits, Billing Info. if different)

Please analyze according to 8260 and include MTBE.

Note: Please send me a few TPH soil & PAH soil bottles w/ the return of my order. Thanks Steve

RESULTS NEEDED BY
(enter preferred date) :
(Guaranteed rapid turnaround needs pre-approval)

QA / QC Reporting Level ☐ A ☐ B ☐ C

Reporting Options : ☑ Hard Copy ☑ Fax
Electronic : ☐ E-Mail ☐ Disk

Quote # :
P.O. # :

FOR LAB USE ONLY
Adhered to EPA Protocol ☐ Yes ☐ No (see attached)
Cold ? ☑ Yes ☐ No

Sample(s): Steven Brackett

Relinquished by	Date	Time	Received by
[signature]	4/15	930AM	[signature] 4/16/99
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Receive

(WHITE : Original YELLOW : Lab Files PINK : Project Manager)

- One sample 4/16

B&B Auto

List of Abutters – 6/23/99

Lot **70.3**
B&B Auto
Clarence and Bev Jelly
3009 Simonsville Rd.
Andover, VT 05143-9082
Deed – Book 23 Page 4

Lot **53**
William and Jonathon Buckens
50 Castle Meadow Rd
Newtown, CT 06611

Lot **59**
Gordon Gates
163 Gates Lane
Andover, VT 05143

Lot **61**
Stan and Irene Gabrielson
3887 Beacon Rd.
Seaford, NY 11783

Lot **63.1**
Charles and Cornelia Brewer
P.O. Box 338
Chester, VT 05143-0338

Lots **68, 69, 70.1, 70.2**
Clarence and Bev Jelly
3009 Simonsville Rd.
Andover, VT 05143-9082

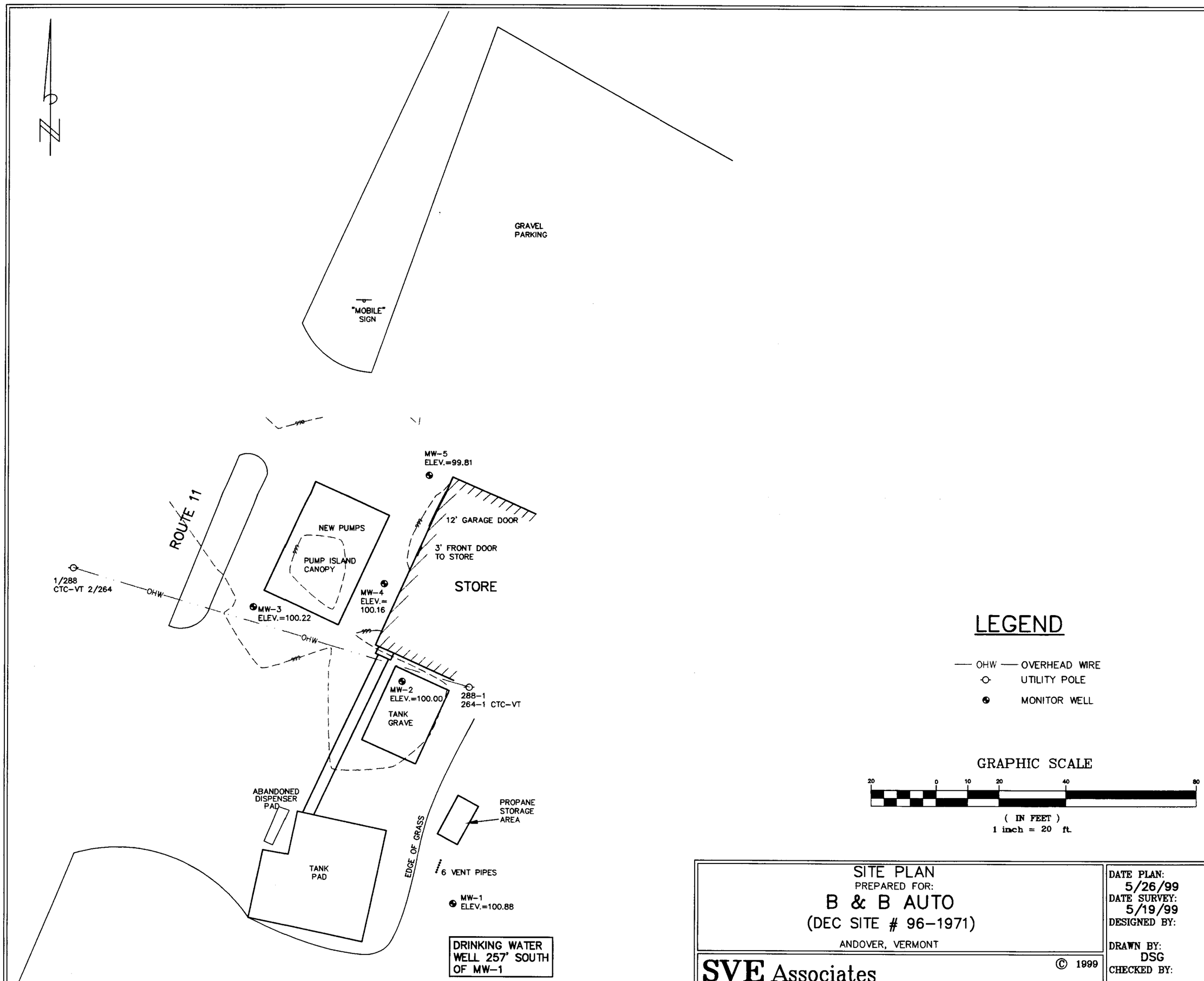
Lots **71.1, 71.2**
Katherine Harrigan
P.O. Box 483
Chester, VT 05143

Lot **72**
William and James Connors
137 Overlook Dr.
Neptune, NJ 07753-5544

Lot 73
Randal and Terry Holden
3064 Simonsville Rd
Andover, VT 05143

Lot 75
Virginia Oehlschlaeger
14827 Palmerston Sq.
Centreville, VA 20120-1806

Lot 77
Wincrest Corp.
Berge M. Heede
P.O. Box 448
Londonderry, VT 05148



LEGEND

- OHW — OVERHEAD WIRE
- UTILITY POLE
- MONITOR WELL

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

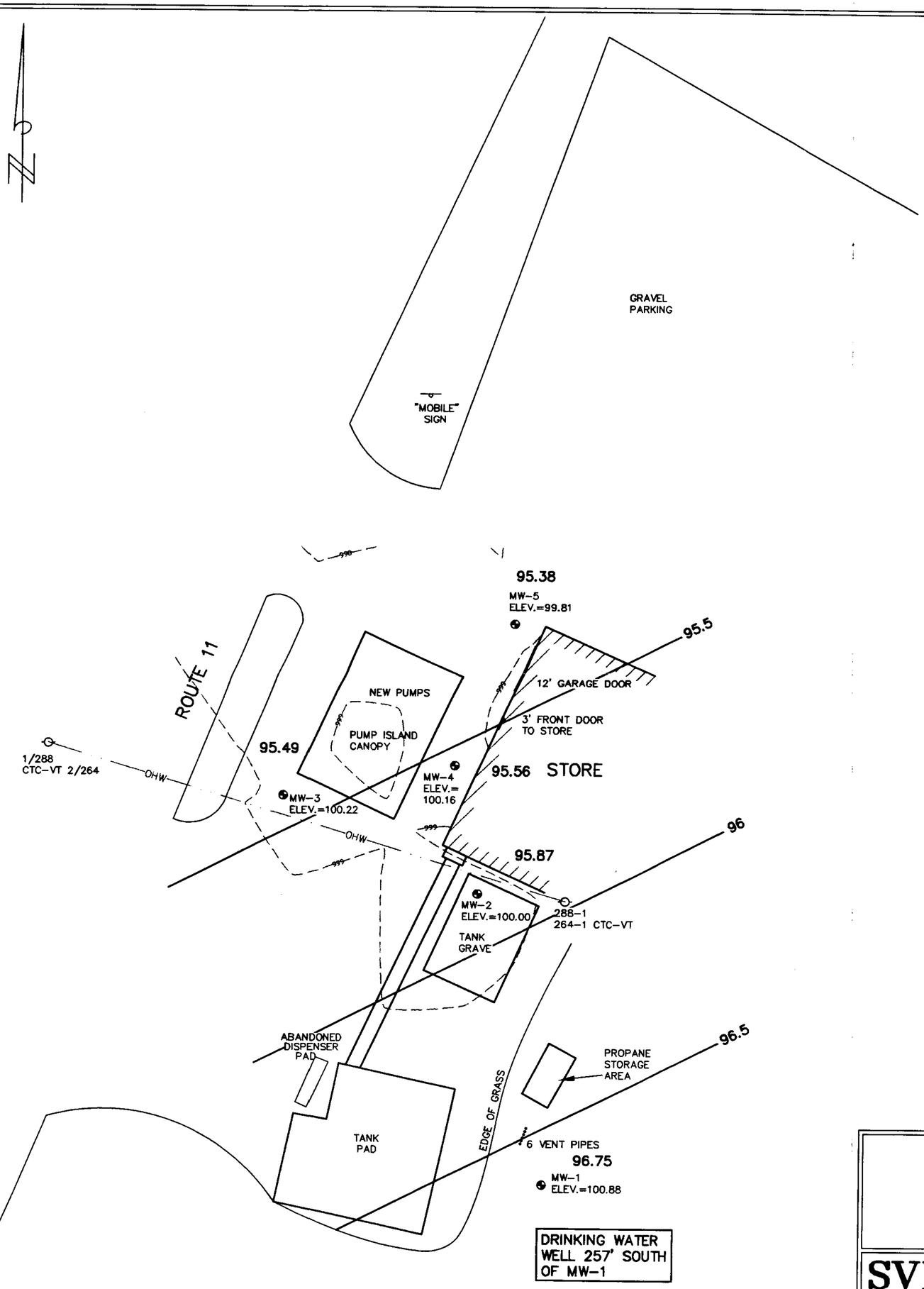
SITE PLAN
PREPARED FOR:
B & B AUTO
(DEC SITE # 96-1971)
ANDOVER, VERMONT

SVE Associates
Engineering Surveying Landscape Architecture Planning
28 Mechanic St., Keene, NH 03431 Phone (603) 355-1532 Fax (603) 355-2969

DATE PLAN: 5/26/99
DATE SURVEY: 5/19/99
DESIGNED BY:
DRAWN BY: DSG
CHECKED BY:
SCALE: 1"=20'

PROJ. NO.: 3578
CAD NO.: 357801

SHEET 1 OF 3



LEGEND

- OHW — OVERHEAD WIRE
- UTILITY POLE
- MONITOR WELL

GRAPHIC SCALE

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(IN FEET)
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GROUNDWATER CONTOUR MAP

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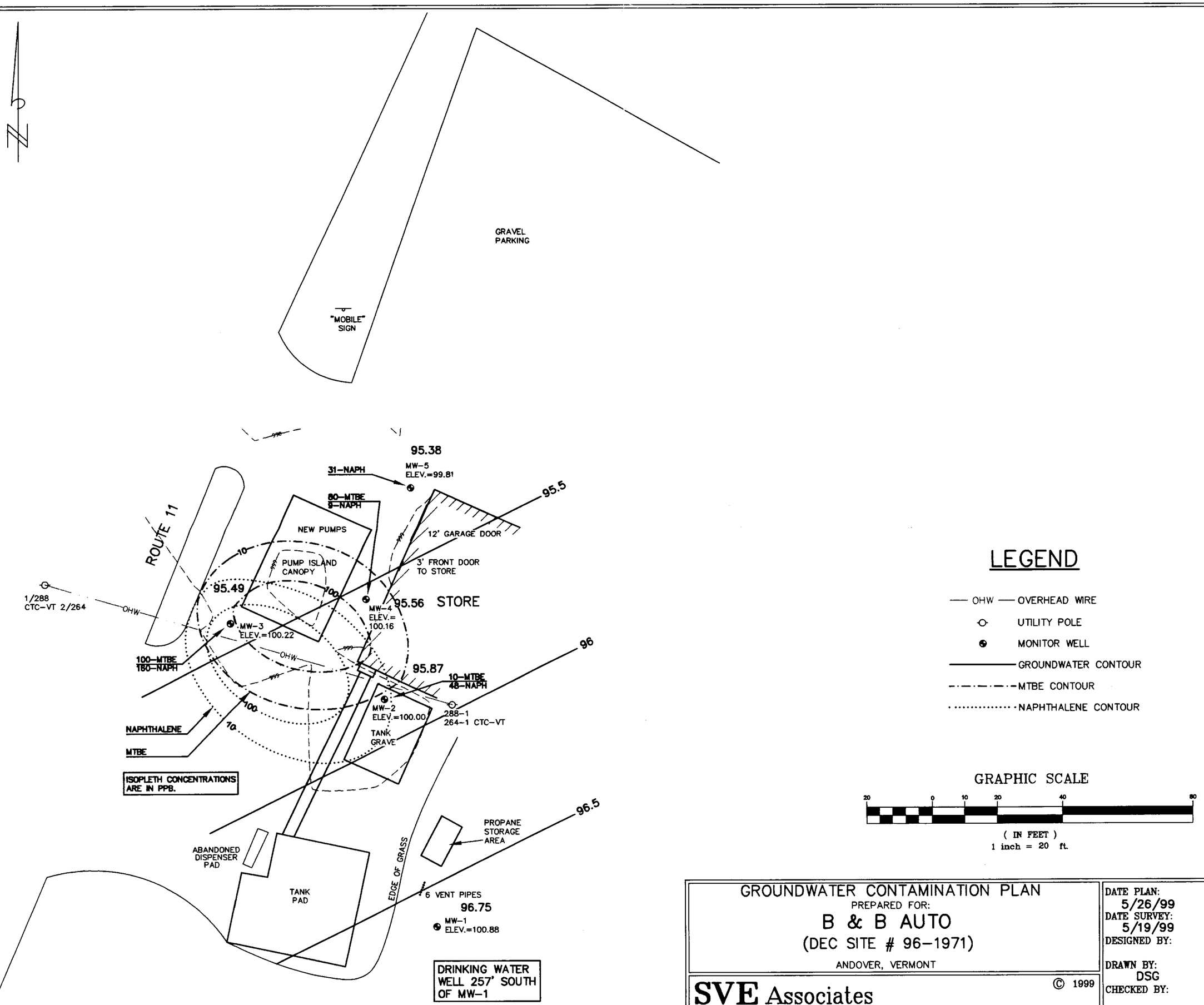
SHEET 2 OF 3



LEGEND

- OHW — OVERHEAD WIRE
- UTILITY POLE
- MONITOR WELL
- GROUNDWATER CONTOUR
- MTBE CONTOUR
- NAPHTHALENE CONTOUR

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

GROUNDWATER CONTAMINATION PLAN

PREPARED FOR:

B & B AUTO

(DEC SITE # 96-1971)

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SHEET 3 OF 3